

FIG. 1

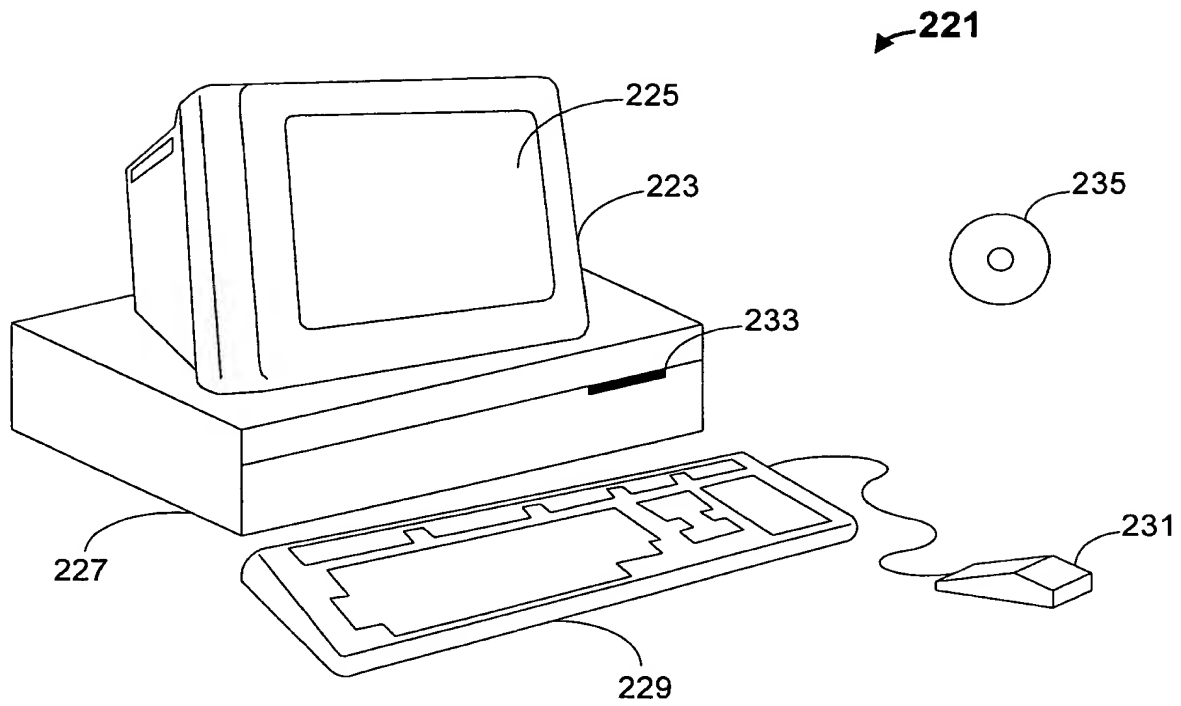


FIG. 2B

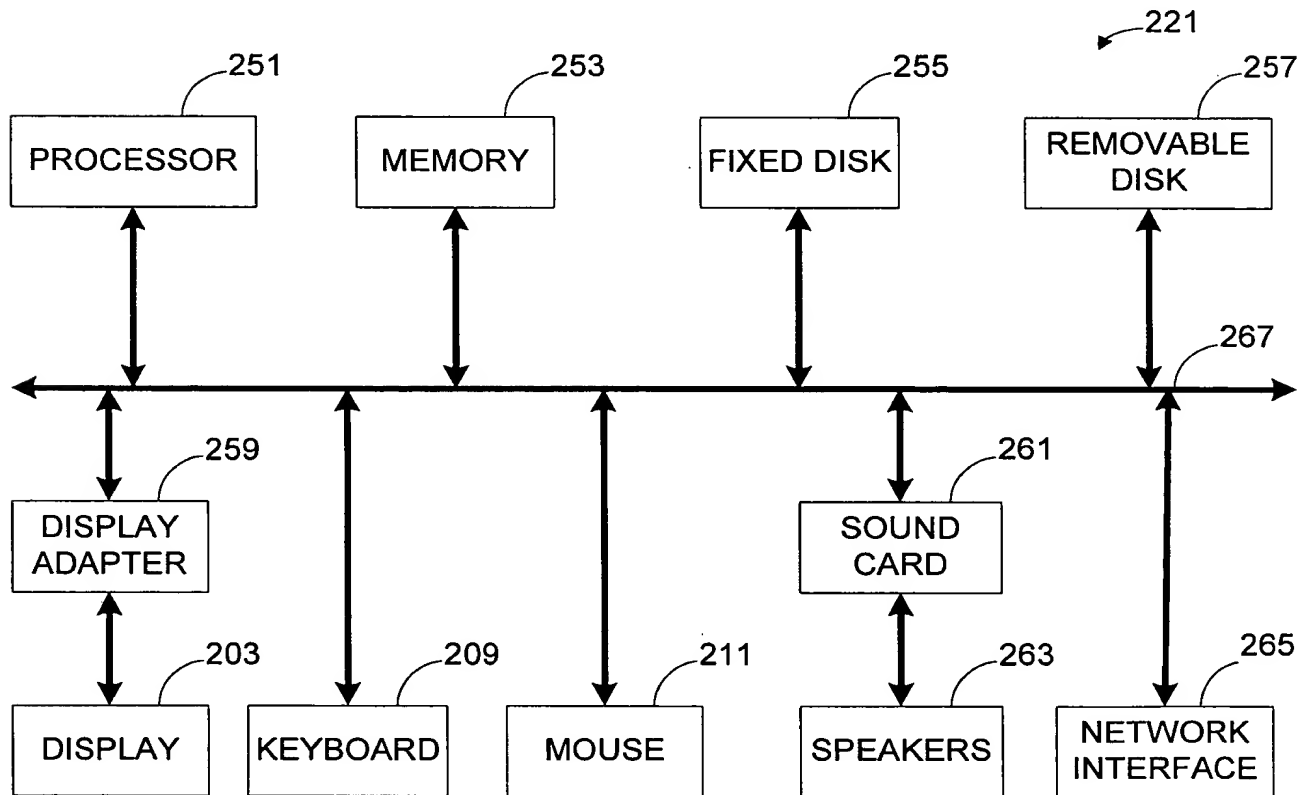
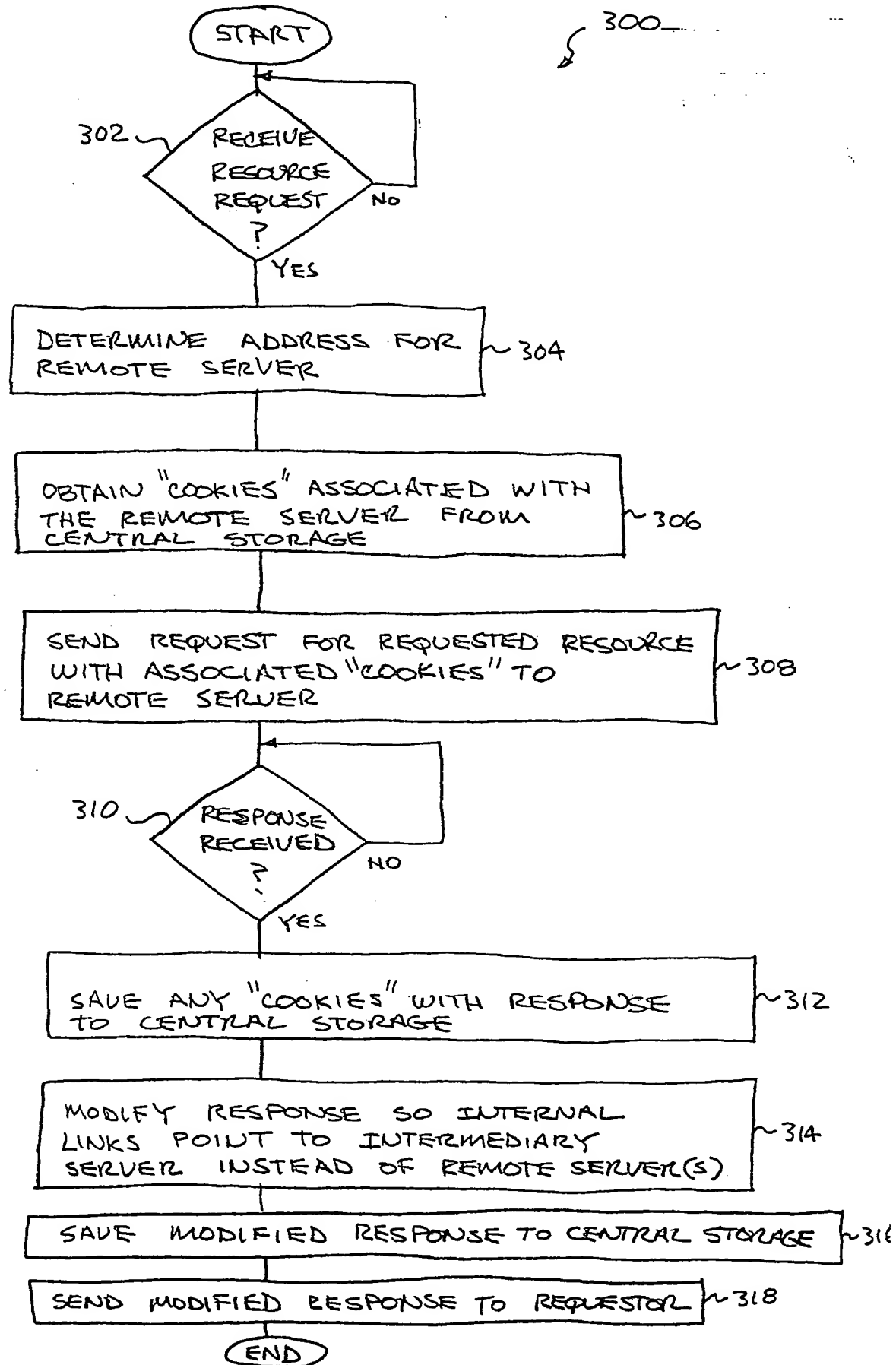


FIG. 2C



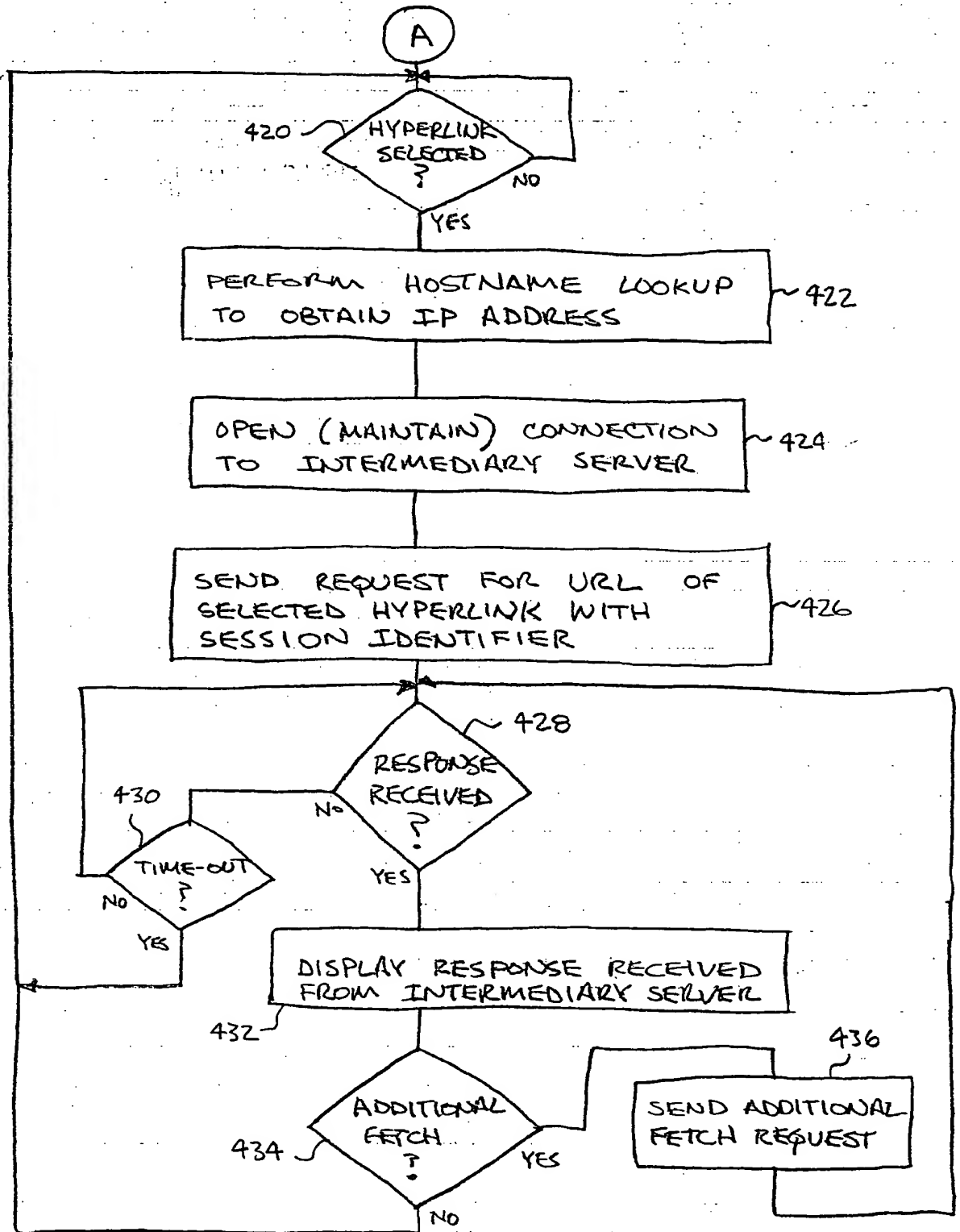
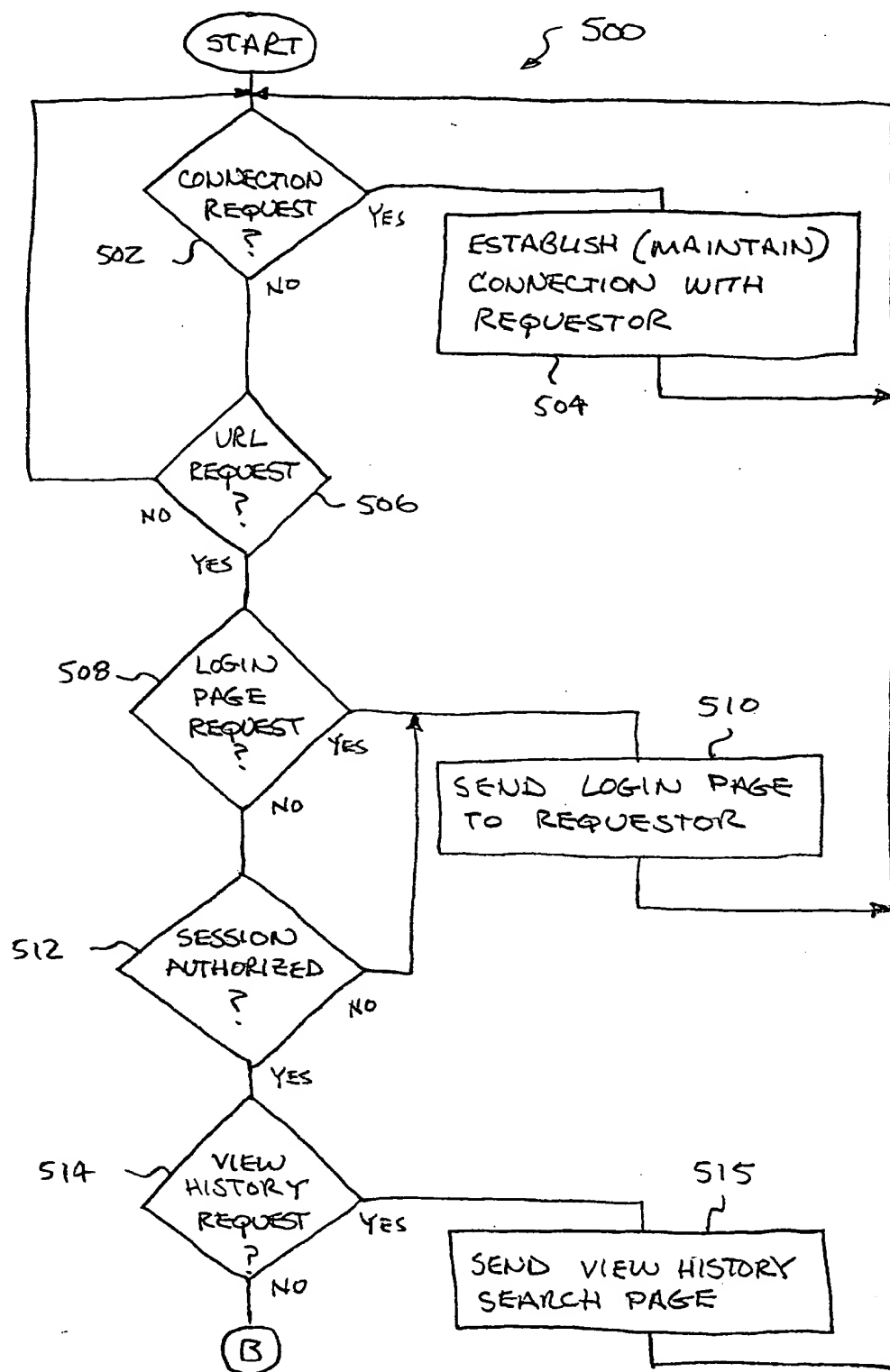


FIG. 4B

2002



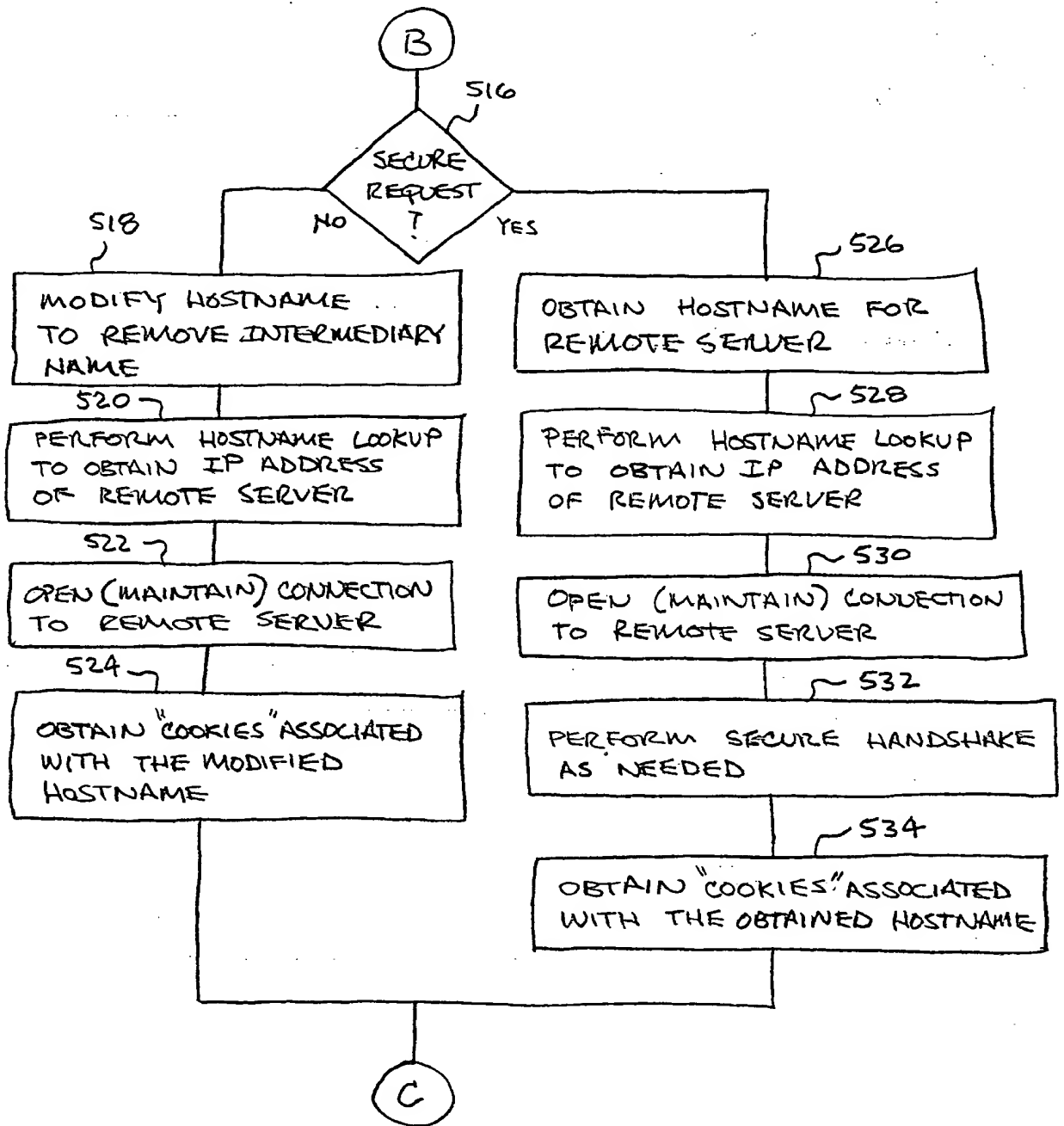


FIG. 5B

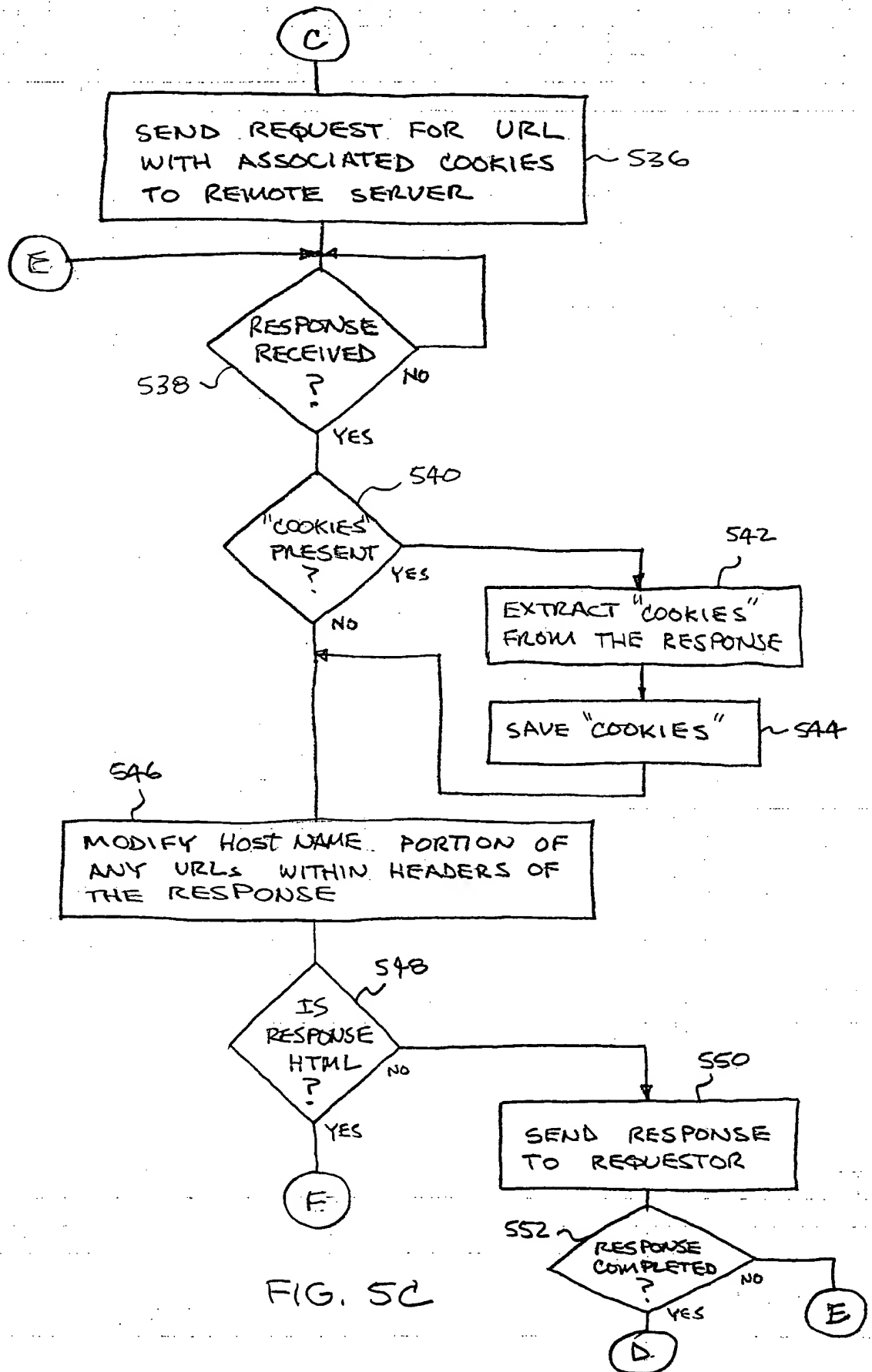


FIG. 5C

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the L^2 -norm.

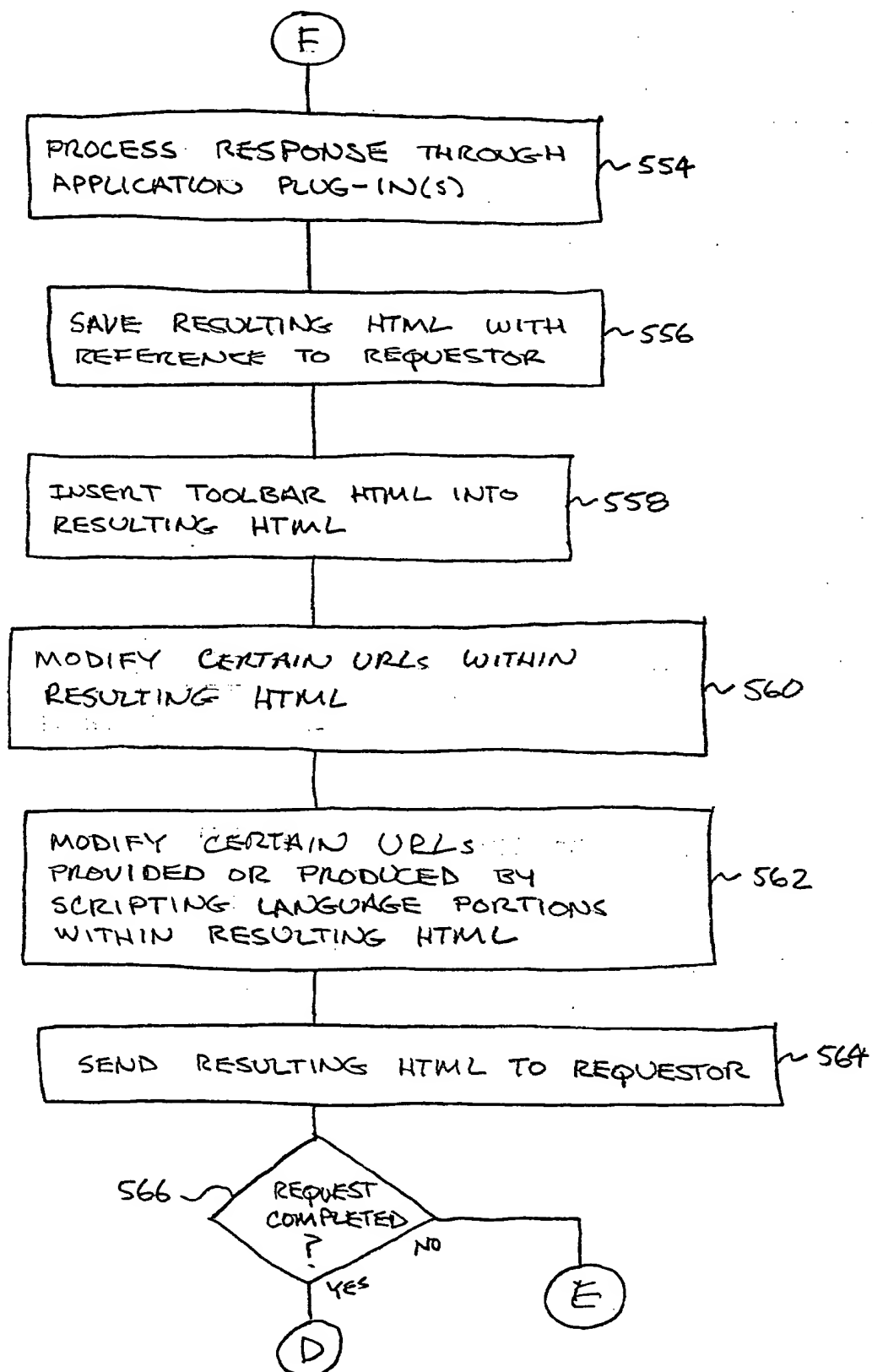


FIG. 5D

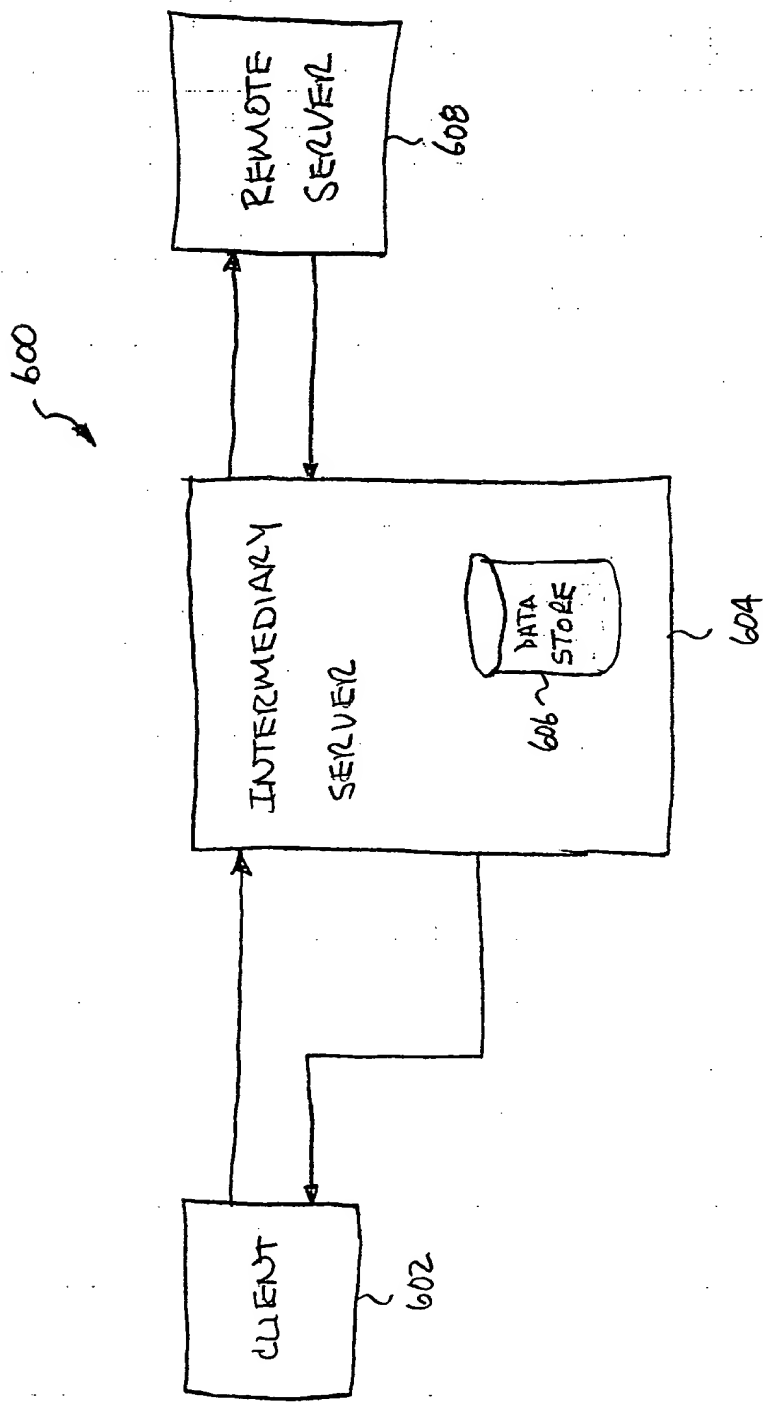


FIG. 6

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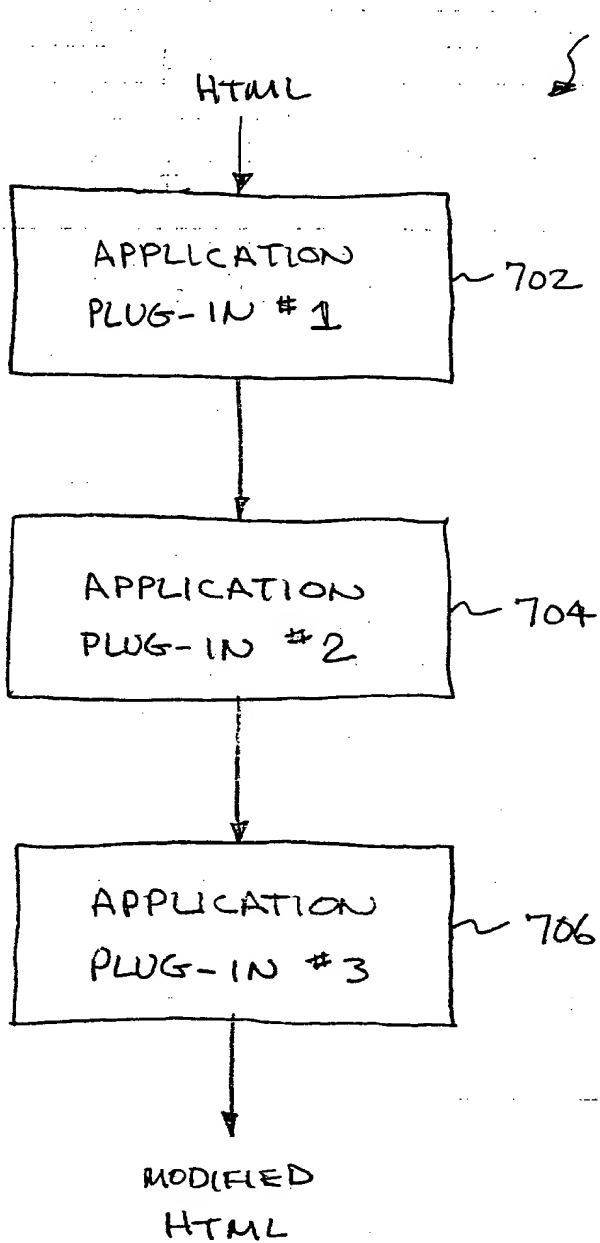


FIG. 7

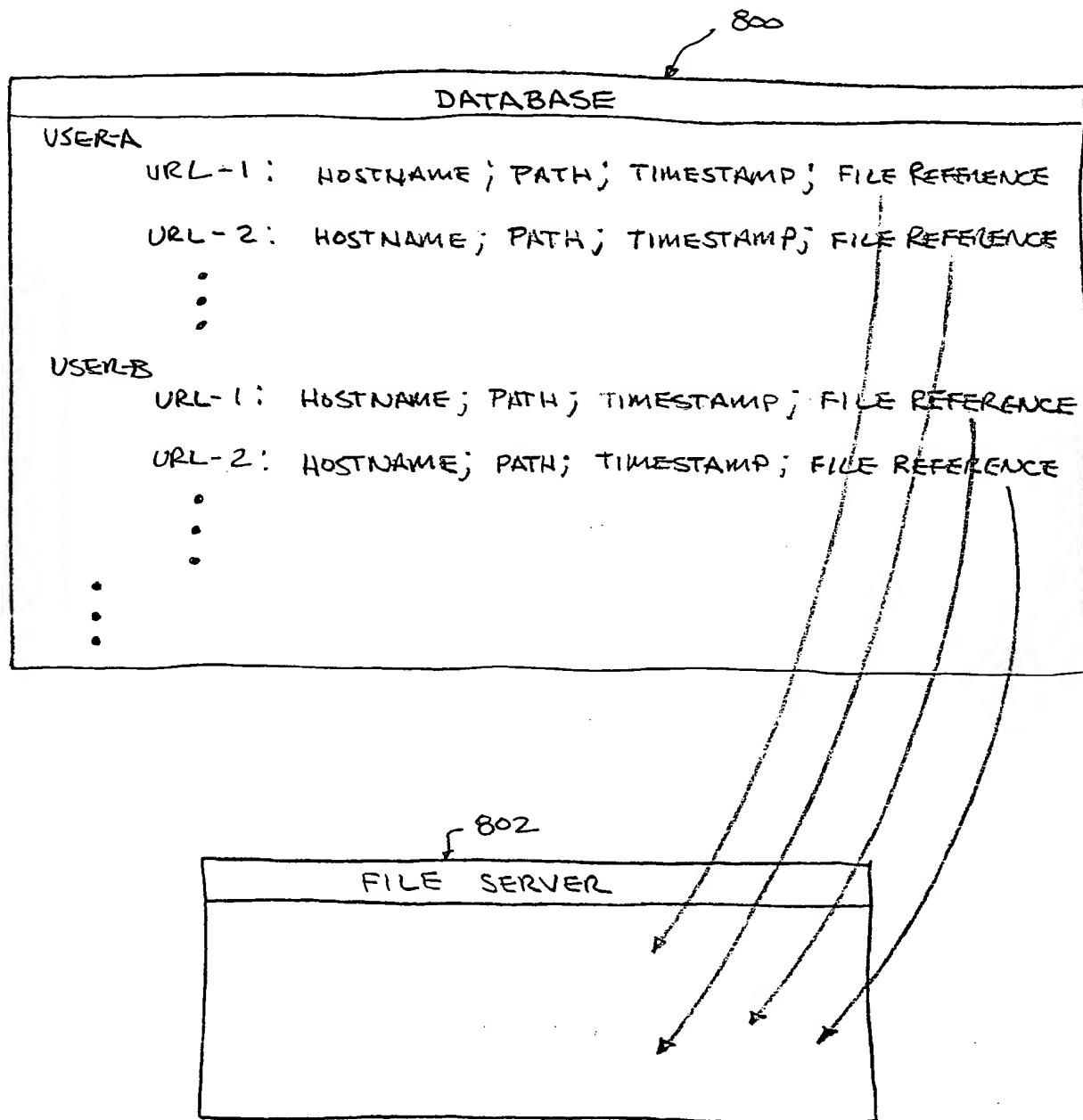


FIG. 8

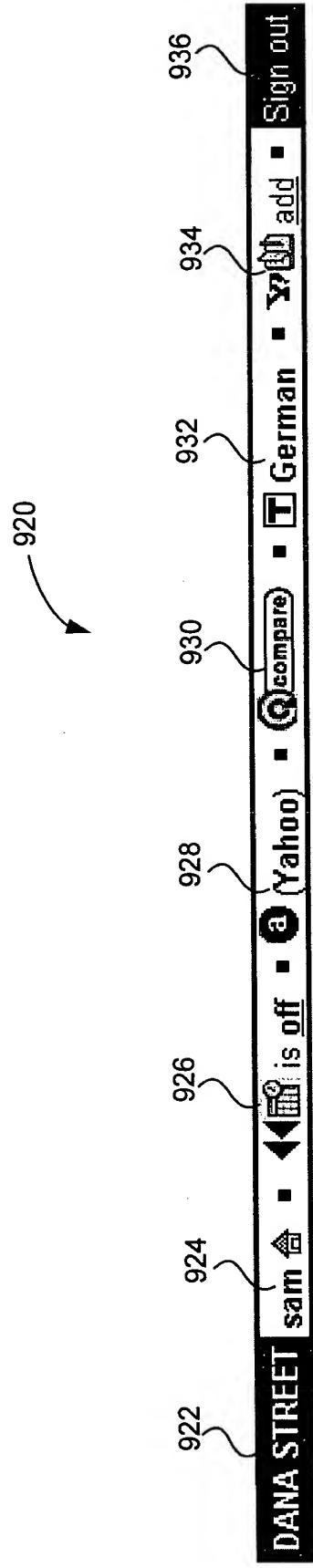


FIG. 9B

START

1002 ~ SELECT TARGET URL

1004 TARGET
URL
RELATIVE
?

YES

No

```

graph LR
    1006 --> SR{SECURE REQUEST ?}
    SR -- YES --> 1007
    SR -- NO --> 1008
  
```

YES

NC

ADD HOSTNAME SUFFIX TO TARGET URL

REPLACE HOSTNAME
WITH PREDETERMINED
HOSTNAME

APPEND PREDETERMINED HOSTNAME TO HOSTNAME

PORT
NUMBER
SPECIFIED
?

YES

NO

ADD PORT NUMBER SUFFIX TO TARGET URL

REMOVE PORT NUMBER
FROM AFTER HOSTNAME

~~MORE
TARGET
URLs
?~~

YES

NO

END

1000

DOES
SOURCE URL
HAVE HOSTNAME
OR PORT
SUFFIX
?

☒ No

YES

APPEND HOSTNAME AND/OR
PORT SUFFIX TO
TARGET URL

FIG. 10

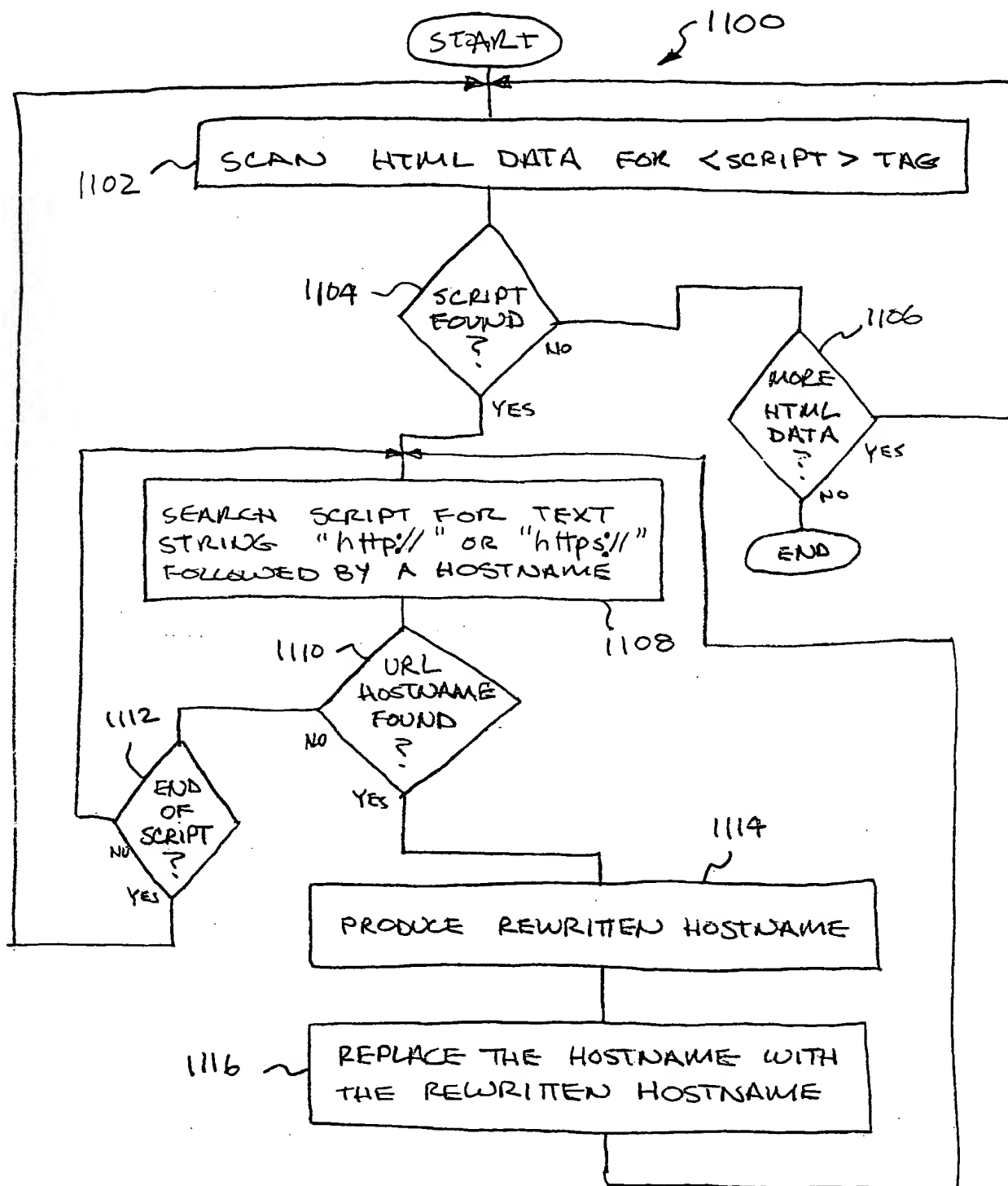
[illegible]

FIG. 11

000001 000002 000003 000004 000005 000006 000007 000008 000009 000010 000011 000012 000013 000014 000015 000016 000017 000018 000019 000020 000021 000022 000023 000024 000025 000026 000027 000028 000029 000030 000031 000032 000033 000034 000035 000036 000037 000038 000039 000040 000041 000042 000043 000044 000045 000046 000047 000048 000049 000050 000051 000052 000053 000054 000055 000056 000057 000058 000059 000060 000061 000062 000063 000064 000065 000066 000067 000068 000069 000070 000071 000072 000073 000074 000075 000076 000077 000078 000079 000080 000081 000082 000083 000084 000085 000086 000087 000088 000089 000090 000091 000092 000093 000094 000095 000096 000097 000098 000099 000100

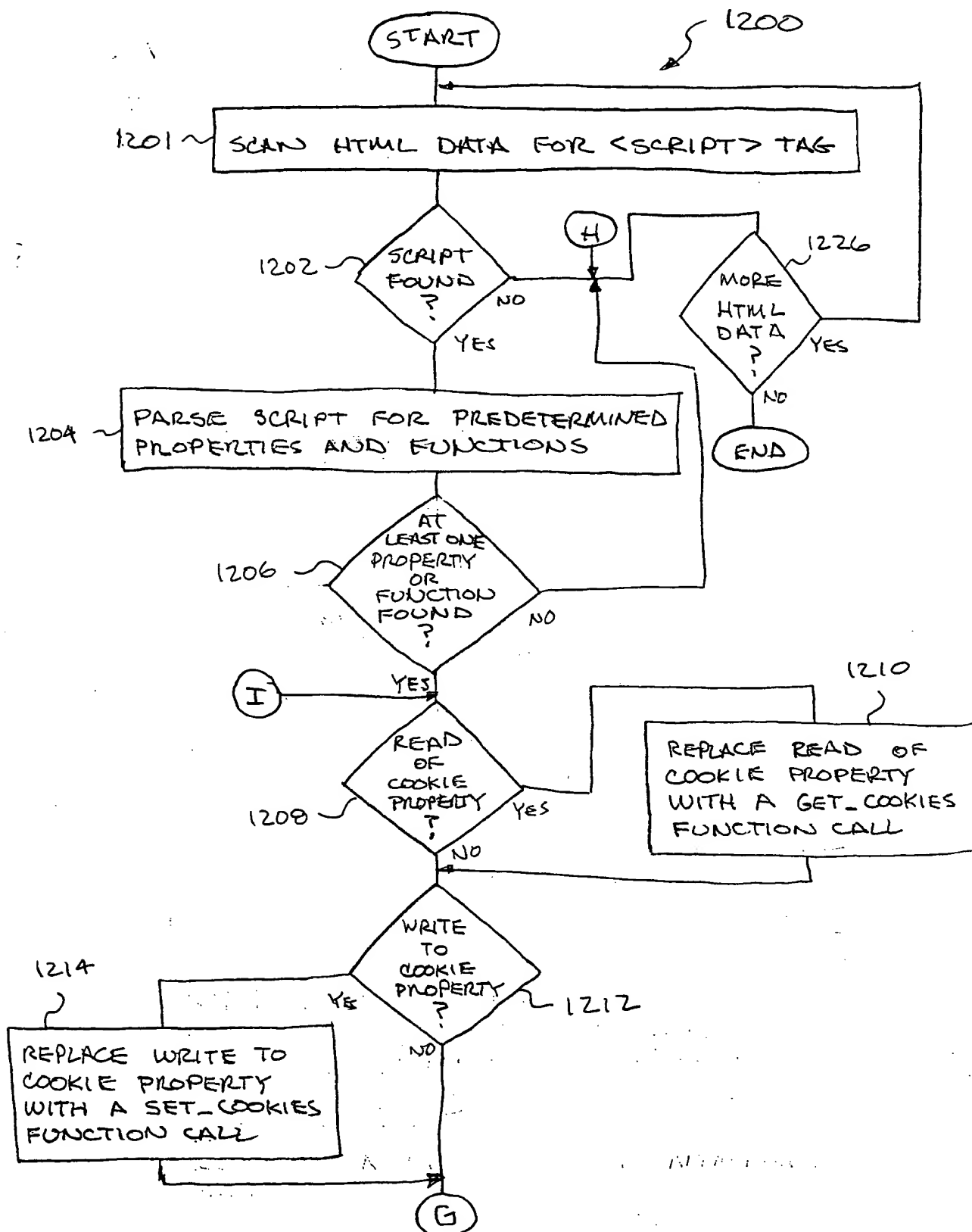


FIG. 12A

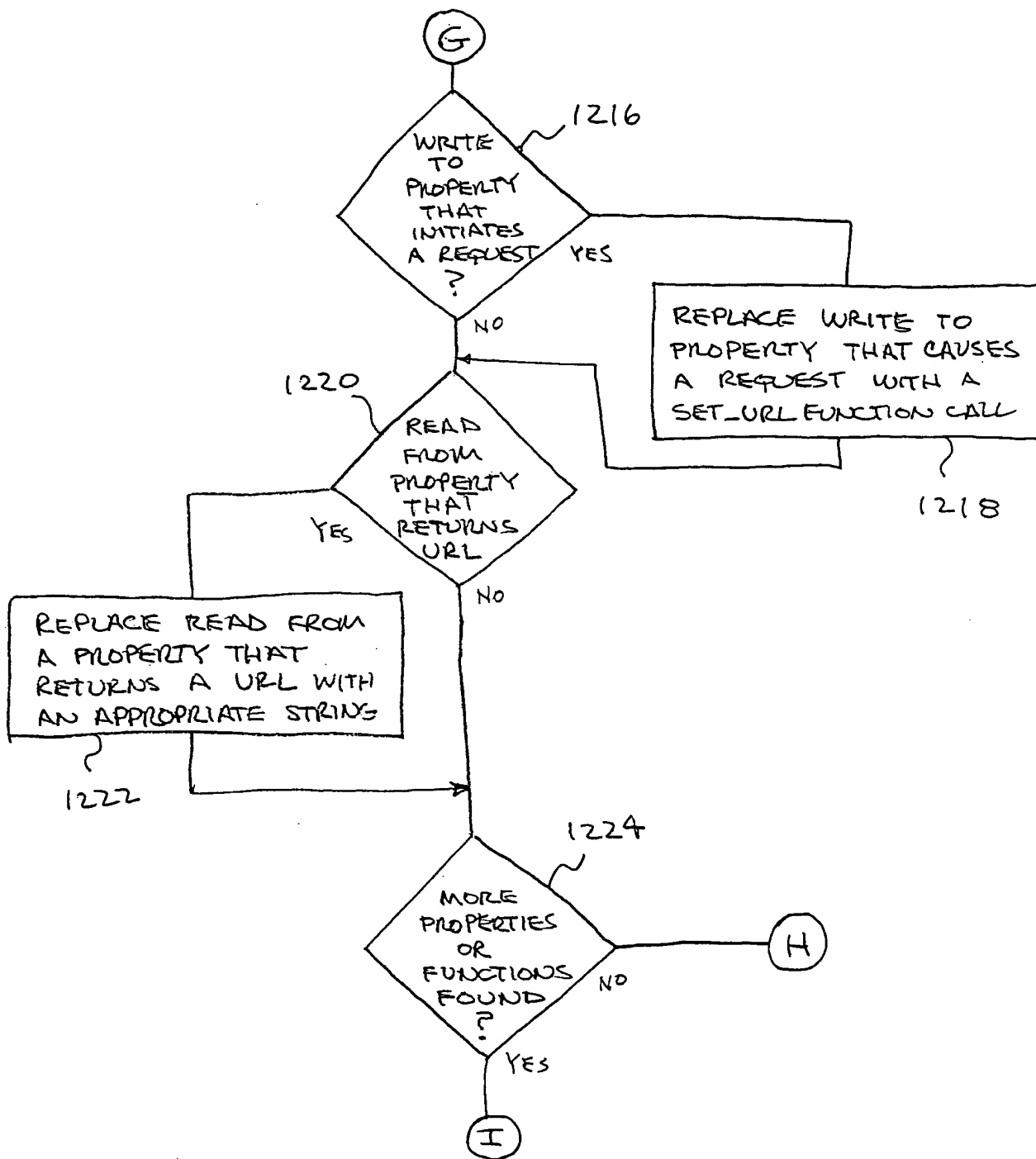


FIG. 12B